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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
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 Baldomero M. OLIVERA et al.)
)
 Serial No. 10/072,602) Examiner: Unknown
)
 Filed: February 11, 2002) Group Art Unit: 1646
)
 For: CONE SNAIL PEPTIDES)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

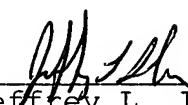
Sir:

Under the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicant submits herewith copies of the following publications that the Office may wish to consider in examination of the subject application. The publications are also listed on the attached form PTO-1449.

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This Information Disclosure Statement is being filed prior to issuance of an Action on the merits, and therefore no fee or certification is necessary.

Respectfully submitted,

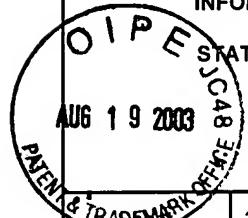
By 
Jeffrey L. Ihnen
Attorney for Applicants
Registration No. 28,957
ROTHWELL, FIGG, ERNST & MANBECK, p.c.
Suite 800, 1425 K Street, N.W.
Washington, D.C. 20005
Telephone: (202) 783-6040
Facsimile: (202) 783-6031

Dated: 19 August 2003

INFORMATION DISCLOSURE STATEMENT BY APPLICANT <div style="text-align: center; border: 1px solid black; border-radius: 50%; width: 60px; margin: 0 auto;"> <small>O I P</small> <small>AUG 19 2003</small> <small>JCA8</small> </div>			<i>Complete if Known</i>				
			Application Number		10/072,602		
			Filing Date		February 11, 2002		
			First Named Inventor		Baldomero M. OLIVERA		
			Group Art Unit		1646		
			Examiner Name				
PATENT Sheet TRADEMARK OFFICE		of	2	Attorney Docket Number	2314-249		
U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY		
		Number	Kind Code ² (if known)				
		4,447,356		Olivera et al.	05/08/1984		
		5,432,155		Olivera et al.	07/11/1995		
		5,514,774		Olivera et al.	05/07/1996		
		5,591,821		Olivera et al.	01/07/1997		
		5,719,264		Shon et al.	02/17/1998		
		5,889,147		Cruz et al.	03/30/1999		
		5,969,096		Shon et al.	10/19/1999		
		5,990,295		Shon et al.	11/23/1999		
		6,077,934		Jacobsen et al.	06/20/2000		
		6,153,738		Jacobsen et al.	11/28/2000		
		6,265,541	B1	Olivera et al.	07/24/2001		
		6,268,473	B1	Olivera et al.	07/31/2001		
		6,441,132	B1	Jimenez et al.	08/27/2002		
FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office ³	Number ⁴	Kind ⁵ Code (if known)			
		WO	98/03189	A1	Cognetix, Inc.	01/29/1998	
		WO	99/30732	A1	Univ. Utah Research Found., et al.	06/24/1999	
		WO	00/23092	A1	Cognetix, Inc., et al.	04/27/2000	
		WO	00/46371	A1	Univ. Utah Research Found., et al.	08/10/2000	
		WO	00/44776	A1	Univ. Utah Research Found., et al.	08/03/2000	
		WO	02/07750	A1	Cognetix, Inc., et al.	01/31/2002	
Examiner Signature					Date Considered		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code. ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.



INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

AUG 19 2003

Complete if Known

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Group Art Unit	1646
Examiner Name	
2	of 2
	Attorney Docket Number 2314-249

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		CRUZ, Lourdes J., et al. (1985). "Conus geographus Toxins That Discriminate between Neuronal and Muscle Sodium Channels," <i>J. Biol. Chem.</i> 260 (16):9280-9288.	
		HOPKINS, Chris, et al.. (1995). "A New Family of Conus Peptides Targeted to the Nicotinic Acetylcholine Receptor," <i>J. Biol. Chem.</i> 270 (38):22361-22367.	
		JACOBSEN, Richard, et al. (1997). "Differential Targeting of Nicotinic Acetylcholine Receptors by Novel α A-Conotoxins," <i>J. Biol. Chem.</i> 272 (36):22531-22537.	
		JACOBSEN, Richard, et al. (1999). "Critical Residues Influence the Affinity and Selectivity of α -Conotoxin MI for Nicotinic Acetylcholine Receptors," <i>Biochem.</i> 38 (40):13310-13315, 1999.	
		JIMENÉZ, Elsie C., et al. (1996). "Contryphan Is a D-Tryptophan-containing Conus Peptide," <i>J. Biol. Chem.</i> 271 (45):28002-28005.	
		JONES, Robert M., et al. (2000). "Conotoxins--New Vistas for Peptide Therapeutics," <i>Curr. Pharm. Design</i> 6 (12):1249-1285.	
		JONES, Robert M., et al. (2000). "Conus peptides--Combinatorial chemistry at a cone snail's pace," <i>Curr. Op. Drug Discov. Devel.</i> 3 (2):141-154.	
		McINTOSH, J. Michael, et al. (1999). "Conus Peptides as Probes for Ion Channels," <i>Meth. Enzymol.</i> 294 :605-624.	
		NADASDI, Laszlo, et al. (1995). "Structure--Activity Analysis of a Conus Peptide Blocker of N-Type Neuronal Calcium Channels," <i>Biochem.</i> 34 (25):8076-8081.	
		OLIVERA, Baldomero M., et al. (1985). "Peptide Neurotoxins from Fish-Hunting Cone Snails," <i>Science</i> 230 :1338-1343.	
		OLIVERA, Baldomero M., et al. (1990). "Diversity of Conus Neuropeptides," <i>Science</i> 249 :257-263.	
		VENEMA, Virginia J., et al. (1992). "Antagonism of Synaptosomal Calcium Channels by Subtypes of ω -Agatoxins," <i>J. Biol. Chem.</i> 267 (5):2610-2615.	
		WALDMEIER, Peter C., et al. (1995). "Effects of the putative P-type calcium channel blocker, R,R-(-)-dauurisoline on neurotransmitter release," <i>Naunyn-Schmiedeberg's Arch Pharmacol.</i> 352 :670-678.	
Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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